

PART NUMBER	SSF-LXH303LGD-04	REV.	G
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
11.03.92	UPDATED ELECT. SPECS.		A
11.04.92	EDITED DIMS.		B
12.08.93	CHG'D LEAD LENGTH.		C
12.16.93	REMOVED MAX FROM DIMS.		D
10.12.94	UPDATED SAFE OPER. SPECS./		E
09.02.98	E.C.N. #10BRDR. & REDRAWN.		F
06.23.11	E.C.N. #10BRDR.		G

ELECTRO-OPTICAL CHARACTERISTICS  $T_a=25^\circ\text{C}$   $I_f=20\text{mA}$ 

PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>r</sub> =100 $\mu$ A
AXIAL INTENSITY		30		mcd	I <sub>f</sub> =20mA
	1.0			mcd	I <sub>f</sub> =2mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN			°C	
EPOXY LENS FINISH:	GREEN DIFFUSED				

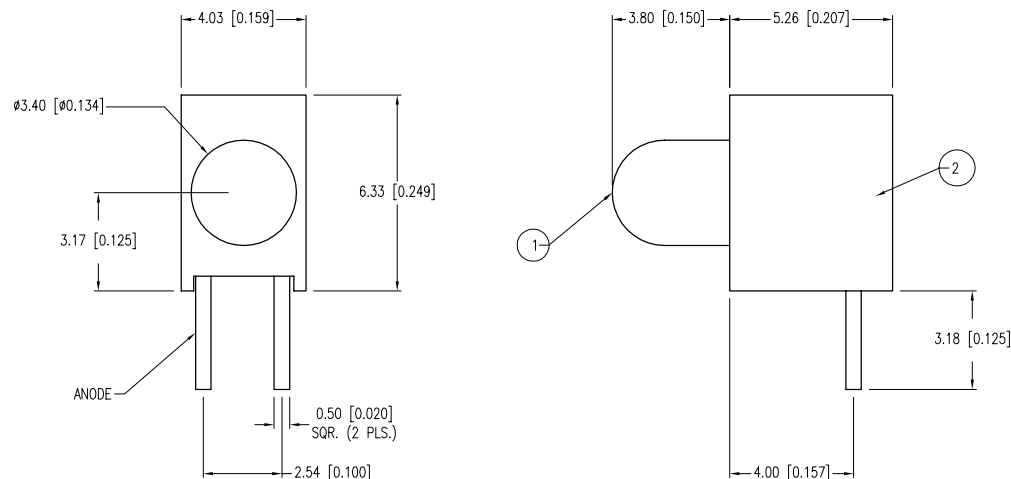
## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

\*  $t < 10\mu\text{s}$ 

## NOTES:

- SSL-LX306F4LGD, LOW CURRENT GREEN LED.
- SSH-LXH303 HOLDER, BLACK NYLON, UL 94V-0.



\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=  $\begin{matrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$  MAX=  $\begin{matrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{matrix}$

UNCONTROLLED DOCUMENT



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T-3mm (T-1) LED FAULT INDICATOR, 5G5nm GREEN LED, GREEN DIFFUSED LENS, LOW CURRENT.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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DATE:	06.23.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ

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